



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/002,080

Applicant : Kevin S. Stein et al

Filed : October 31, 2001

Title : Soft Contact Roll For A
Single Facer

TC/A.U. : 1733

Examiner : Todd J. Kilkenny

Docket No. : 4470-00613

DECLARATION OF PRIOR INVENTION PURSUANT TO 37 CFR §1.131

Commissioner of Patents
P.O. Box 1450
Arlington, VA 22313-1450

Sir:

I, Dennis L. Lemke, declare as follows:

1. I am a Senior Engineer employed by Marquip LLC, the assignee of the subject application.
2. I am a co-inventor of the subject matter claimed in this application.
3. I and my co-inventor Kevin S. Stein conceived our invention prior to October 9, 2001, the effective prior art date of U.S. Patent 6,602,375 (Marschke).
4. Specifically, attached Marquip drawing entitled "SOFT CONTACT ROLL MOVEMENT" was prepared by co-inventor Kevin Stein prior to October 9, 2001 and shows the positioning of our soft contact roll and corresponds to drawing figures 3 and 4 of our above identified application.
5. In addition, attached Marquip drawing entitled "ROLL INSTL, SF SOFT CONTACT" and numbered 9559095 was prepared by a Marquip draftsman under the supervision of Kevin Stein prior to October 9, 2001 and shows details of the construction of the soft contact roll assembly of our invention.

Appl. No. 10/002,080

Declaration of Previous Invention dated January 7, 2004

Reply to Office action of December 12, 2003

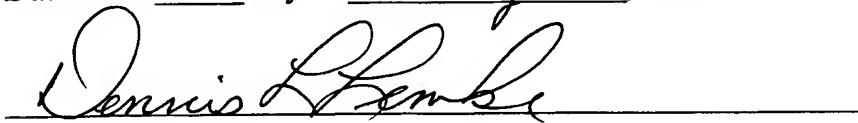
6. The drawings identified in paragraphs 4 and 5 disclose all the elements, their arrangement and operation, as recited in the claims of our above identified patent application.

7. I and my co-inventor, Kevin Stein, worked diligently from a time prior to October 9, 2001 until we actually reduced our invention to practice with an operable prototype.

8. The dates on which each of the above identified drawings was drawn and checked have been hidden, but both dates for each of the drawings are prior to October 9, 2001.

9. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated this 10 day of February, 2004.



Dennis L. Lemke

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(414) 271-7590
Atty. Docket No.: 4470-00613

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REV. BY: []
DESCRIPTION: []
REVISION: []
ECO NO.: []
DATE: []
APPROVED: []

EXTENDED POSITION

ROLL SHOWN IN EXTENDED POSITION.
AIR CYLINDER IS EXTENDED APPROX
1 INCH, THE ROLL RIDES UP AGAINST
THE BONDING ROLL WITH LIGHT LOADING
(~5PSI)

ROLL SHOWN IN RETRACTED POSITION. AIR CYLINDER IS RETRACTED PULLING BACK ON CLEVIS WHICH ROTATES PIVOT SHAFT. THE PIVOT SHAFT IS ATTACHED TO A ECCENTRIC COUPLING ON ONE END AND THE ROLL STUD END ON THE OTHER. THE ECCENTRIC COUPLING ALLOWS THE ROLL

ROLL SHOWN IN EXTENDED POSITION.
AIR CYLINDER IS EXTENDED APPROX
1 INCH. THE ROLL RIDES UP AGAINST
THE BONDING ROLL WITH LIGHT LOADING
(~5PSI).

CLASSIFICATION	CONFIDENTIAL	
PROJECT/CLIENT	MERIDIAN A Barry-Wehmiller Company PHILADELPHIA, PA	
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SOFT CONTACT ROLL MOVEMENT		
TITLE		PATENT 2
SIZE		REV. 4
APPROVALS	DATE	
DRAWN K.S. STEIN		
CHECKED D.L.L.		
DESIGN CONTROL	P	
SCALE	1/4	ENG INFO TNODE SHEET 1 OF 1
DO NOT SCALE DRAWING		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:		
X * .060 * 3-1/25" in 51		
.XX * .030 * 1-1/09" in 51		
XXX * .010 * 5-1/05" in 51		

